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**ABSTRACT**

A particle blast apparatus includes a hopper assembly, which is mechanically isolated from the rest of the particle blast system. Energy is imparted to the hopper by an impulse assembly, which preferably is mounted directly to the hopper. The hopper is mounted to the apparatus on a slide assembly, which allows the hopper to be moved to a second position at 10 which particles may be discharged from the hopper exit away from the particle feeder.

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